Contents

No. 1: JULY 1980

PAGE

Clinical and Laboratory Investigations

Therapy of Psoriasis: Comparison of Photochemotherapy and Several Variants of Phototherapy 1
H.VAN WEELDEN, E.YOUNG AND J.C.VAN DER LEUN

Long-Term Photochemotherapy: Histopathological and Immunofluorescence Observations in 243 Patients 11
FRITZ GSCHNAIT, KLAUS WOLFF, HERBERT HÖNIGSMANN, GEORG STINGL, WILHELM BRENNER, ERNA JASCHKE AND KLAUS KONRAD

Decreased Epidermal Aryl Hydrocarbon Hydroxylase and Localized Pustular Psoriasis 23
SAM SHUSTER, M.D.RAWLINS, P.H.CHAPMAN AND SARAH ROGERS

Topical Spermine and Putrescine Stimulated DNA Synthesis in the Hairless Mouse Epidermis 27
RICHARD W.GANGE AND PETER R.DEQUOY 33

Protease Inhibitor Profiles in Urticaria and Angio-Oedema 33
N.EFTEKHARI, A.MILFORD WARD, R.ALLEN AND M.W.GREAVES

Studies on the Blood Fibrinolytic Enzyme System of Patients with Cutaneous Vasculitis 41
NAOTIKA TOKI AND TAKUSO YAMURA

Neutrophil Chemotaxis in the Presence of Antibiotics: a Re-Evaluation Using an Agarose Technique 51
RICHARD W.GANGE

Localization of Non-Specific Esterase and Endogenous Peroxidase in the Murine Epidermal Langerhans' Cells 61
T.MARUYAMA, H.UDA AND M.YOKOYAMA

In situ Identification and Enumeration of T Lymphocytes in Cutaneous T-Cell Lymphomas by Demonstration of Granular Activity of Acid Non-Specific Esterase 67
WOLFRAM STERRY, GERD-KLAUS STEIGLEDER AND HELMUT PULLMANN

Sex-Linked Ichthyosis and Placental Sulphatase C Deficiency 73
W.P.DE GROOT, A.C.JOBSIS, A.MARINKOVIC-ILSEN, J.G.KOPPE AND H.W.A.DE BRUIJN

Case Reports

Anderson-Fabry Disease. Characteristic Ultrastructural Features in Cutaneous Blood Vessels in a 1-Year-Old Boy 81
S.M.BREATHNACH, M.M.BLACK AND H.J.WALLACE

Generalized Trichorrhexis Nodosa 85
J.M.LEONARD, C.L.GUMMER AND R.P.R.DAWBER

Infection of the Finger-Nail by *Pyrenochaeta Unguis-Hominis* 91
MARY P.ENGLISH

Cutaneous Cryptococcosis 95
A.C.CHU, R.J.HAY AND D.M.MACDONALD

Brief Communications

Heterozygote Detection in Fabry's Disease Using Mailed Hair Roots 101
A.J.M.VERMORKEN, C.A.VAN BENNEKOM, C.H.N.M.DE BRUYN, T.L.OEI AND J.FROHLICH

Dithrocream in Psoriasis 105
P.D.WILSON AND F.A.IVE

Cyclic AMP is Decreased in Mononuclear Leukocytes from Psoriasis Patients 107
J.P.M.GEERDINK, MIEKE BERGERS, P.E.J.VAN ERP, J.M.GOMMANS, P.D.MIER AND H.ROELFZEMA

The Role of Langerhans' Cells in the Pirquet and M9no-Hamburger Tuberculin Reactions 109
L.R.BRAATHEN AND E.THORSBY

Effect of Gluten-Free Diet on Recurrent Aphthous Ulceration 111
D.M.WALKER, A.E.DOLBY, J.MEAD, J.LLEWELLYN AND J.RHODES

Comment

Do Systemic Antipruritic Agents Work? 113
J.A.SAVIN

Correspondence 119

Book Reviews 122

News and Notices 124

No. 2: AUGUST 1980

PAGE

Clinical and Laboratory Investigations

Epidermal lipid biosynthesis in acne 127
SAM SHUSTER, MARY F.COOPER, D.MCGIBBON AND P.D.WILSON

Differences in the lipid constituents of sebum from pre-pubertal and pubertal subjects 131
GAIL SANSONE-BAZZANO, BADRYEH CUMMINGS, ALLEN K.SEELER AND RONALD M.RESINER

Sebaceous gland suppression in female acne patients by combined glucocorticoid-oestrogen therapy 139
E.M.SAIHAN AND J.L.BURTON

Use of biofeedback in treating chronic hyperhidrosis: a preliminary report 143
P.DULLER AND W.DOYLE GENTRY

Pagetoid reticulosis: a disease of histiocytic origin 147
A.C.CHU AND D.M.MACDONALD

B lymphocytes in contact dermatitis 159
A.Y.SHAALA, C.HODGSON, N.R.LING AND R.JEFFERIS

Effect of five anti-inflammatory steroids on collagen and glycosaminoglycan synthesis *in vitro* 167
H.SAARNI, M.JALKANEN AND V.K.HOPSU-HAVU

ATP induced polarization of keratohyalin granules 175
WALTER B.SHELLEY AND LENNART JUHLIN

The prevalence of splinter haemorrhages 183
B.E.MONK

Hyperpigmentation of the face and hands without blisters: porphyria cutanea tarda 187
EDEMARIAM TSEGA, BELAI DAMTEW, J.W.LANDELLS, ABRAHAM BESRAT AND ELIAS SEYOUM

Pharmacology and Treatment

Detection of the action of salicylic acid on the normal stratum corneum 191
D.L.ROBERTS, R.MARSHALL AND R.MARKS

Case Reports

Lichen sclerosus et atrophicus of the scalp 197
IAIN STEWART FOULDS

Bullous pemphigoid, polymyalgia rheumatica and thyroid disease 201
J.HOW, P.D.BEWSHER AND L.STANKLER

Unusual presentation of extragenital cutaneous schistosomiasis mansoni 205
W.K.JACYK, R.V.LAWANDE AND S.S.TULPULE

Herpetic arthritis associated with disseminate herpes simplex in a wrestler 209
WALTER B.SHELLEY

Familial acrogeria (Gottron) 213
W.P. DE GROOT, J.TAFELKRUYER AND M.J.WOERDEMAN

Review Article

Tobacco dermatitis 225
R.J.G.RYCROFT

Book Reviews 230

News and Notices 234

No. 3: SEPTEMBER 1980

PAGE

Clinical and Laboratory Investigations

Pharmacological Responsiveness of the Myoepithelium of the Isolated Human Axillary Apocrine Sweat Gland 235
KENZO SATO

Serum Steroid Sulphates in Ichthyosis 245
A.RUOKONEN, A.OIKARINEN, R.PALATSI AND I.HUHTANIEMI

The 'Dry' Non-Eczematous Skin associated with Atopic Eczema 249
A.Y.FINLAY, S.NICHOLLS, C.S.KING AND R.MARKS

Petrolatum Interference with the Oxidation of Arachidonic Acid 257
NEAL S.PENNEYS, WILLIAM EAGLSTEIN AND VINCENT ZIBOH

Cutaneous Biometrics I. The Response of Human Skin to Dimethyl Sulphoxide 263
PETER J.FROSCH, SUSAN DUNCAN AND ALBERT M.KLIGMAN
The Measurement of Itch with Sensitive Limb Movement Meters 275
JOHN A.SUMMERFIELD AND MARTIN E.WELCH
IgE Antibodies to House Dust Mite in Patients with Scabies 283
EDVARD S.FALK AND ROALD BOLLE
Correlation of Seasonal Variation of 25-Hydroxycalciferol with UV Radiation Dose 289
P.C.BEADLE, J.L.BURTON AND J.F.LEACH
Sister Chromatid Exchange and Chromosome Aberration Rates in a Group of Psoriatics Before and After a Course of PUVA Treatment 295
M.J.W.FAED, L.WILLIAMSON, S.PETERSON, T.LAKSHMIPATHI, B.E.JOHNSON AND W.FRAIN-BELL
Acrokeratosis Paraneoplastica—a New Cutaneous Marker of Malignancy 301
A.BAZEX AND A.GRIFFITHS
Scanning Electron Microscope Studies of Solar Elastosis 307
TAKUO TSUJI
The Potassium Iodide Patch Test in Dermatitis Herpetiformis in Relation to Treatment with a Gluten-Free Diet and Dapsone 313
G.P.HAFFENDEN, W.K.BLENKINSOPP, N.P.RING, FENELLA WOJNAROWSKA AND LIONEL FRY

Pharmacology and Treatment

The Local Treatment of Hypertrophic Scars and Keloids with Topical Retinoic Acid 319
A.M.P.JANSSEN DE LIMPENS

Case Reports

Cutaneous Carcinoma Arising in Erosive Pustular Dermatosis of the Scalp 325
C.R.LOVELL, R.R.M.HARMAN AND J.W.B.BRADFIELD
Systemic Mastocytosis with Diffuse Crocodile-Like Pachydermic Skin, Pedunculated Pseudofibromas and Comedones 329
C.L.MENEGHINI AND G.ANGELINI

Review Article

The Cutaneous Manifestations of Paraproteinaemia. I 335
R.RUSSELL JONES

Book Reviews 346

No. 4: OCTOBER 1980

PAGE

Clinical and Laboratory Investigations

Increased Chemotactic Activity of Neutrophil Leukocytes in Psoriasis 351
GERD MICHAELSSON
An Assessment of Factors Influencing Flexibility of Human Fingernails 357
ANDREW Y.FINLAY, PHILLIP FROST, ALEC D.KEITH AND WALLACE SNIPES
In Vivo Demonstration of Specific Immunological Hypersensitivity to Scabies Mite 367
EDVARD S.FALK AND ROALD BOLLE
Streptoccocus milleri Causing Treatable Infection in Perineal Hidradenitis Suppurativa 375
A.S.HIGHET, R.E.WARREN, R.C.D.STAUGHTON AND S.O.B.ROBERTS
An Analysis of Sebum Excretion Rate, Bacterial Population and the Production Rate of Free Fatty Acids on Human Skin 383
J.H.COVE, K.T.HOLLAND AND W.J.CUNLIFFE
The Effects on Rat Skin of Prolonged Exposure to Water 387
M.JOLLY AND A.G.SWAN
In Vitro Basal Lamina Formation May Require Non-Epidermal Cell Living Substrate 397
D.WOODLEY, M.RÉGNIER AND M.PRUNIÉRAS

Pharmacology and Treatment

Treatment of Hereditary Angio-Oedema by Low Dose Attenuated Andrògens: Disassociation of Clinical Response from Levels of Cr Esterase Inhibitor and C4 405
ANDREW P.WARIN, MALCOLM W.GREAVES, MARGARTER GATECLIFF, DONALD M.WILLIAMSON AND ROBERT P. WARIN

Psoriatic Arthritis Treated with Oral Zinc Sulphate 411
O.J.CLEMMENSEN, J.SIGGAARD-ANDERSEN, A.M WORM, D.STAHL, F.FROST AND I.BLOCH
Serum Levels of 8-Methoxypsoralen: Two Oral Methods of Administration 417
L.STOLK, A.KAMMEYER, R.H.CORMANE AND P.A. VAN ZWIETEN

Case Reports
A Syndrome of Various Cutaneous Pigmented Lesions, Myxoid Neurofibromata and Atrial Myxoma: the NAME Syndrome 421
D.J.ATHERTON, D.W.PITCHER, R.S.WELLS AND D.M.MACDONALD
Hypertrichosis Lanuginosa Acquisita 431
ANGELA GOODFELLOW, HUGH CALVERT AND GORDON BOHN
Porokeratotic Eccrine Ostial and Dermal Duct Naevus 435
EDWARD ABELL AND SANDRA I.READ
Endocervical Adenocarcinoma and Vulval Paget's Disease: a Significant Association 443
P.H.MCKEE AND K.T.HERTOGS
Sweet's Syndrome in Infancy 449
S.ITAMI AND K.NISHIOKA
Neonatal Acne Vulgaris: a Possible Feature of the Fetal Hydantoin Syndrome 453
L.STANKLER AND A.G.M.CAMPBELL

Comment
On the Aetiology of Psoriasis 457
P.D.MIER, J.M.COMMANS AND H.ROELFZEMA

Correspondence 461

Book Reviews 465

News and Notices 468

No. 5: NOVEMBER 1980

PAGE

Clinical and Laboratory Investigations
Oral retinoids—present status 473
C.E.ORFANOS
Therapeutic evaluation of the oral retinoid Ro-10-9359 in several non-psoriatic dermatoses 483
PABLO A.VIGLIOGLIA
Pigment anomalies of the skin in the human chimaera: their relation to systematized naevi 489
G.H.FINDLAY AND B.P.MOORES
Changes in proliferative activity as cells move along undulating basement membranes in stratified squamous epithelium 499
W.J.HUME AND C.S.POTTEN
The plasma membrane of Malpighian cells from pig epidermis: isolation and lipid and protein composition 505
G.M.GRAY, I.A.KING AND H.J.YARDLEY
Studies on human epidermal Langerhans cells. III. Induction of T lymphocyte response to nickel sulphate in sensitized individuals 517
LASSE R.BRAATHEN
Polymorphonuclear leucocyte chemotaxis in psoriasis: enhancement by self-activated serum 527
G.KAWOHL, B.SZPERALSKI, J.-M.SCHRODER AND E.CHRISTOPHERS
Herpes gestationis and bullous pemphigoid: a disease spectrum 535
R.HOLMES, M.M.BLACK, D.M.WILLIAMSON AND R.W.B.SCUTT
Immunopathological studies on rosacea 543
E.NUNZI, A.REBORA, E.HAMERLINCK AND R.H.CORMANE

Case Reports
Secondary localized cutaneous amyloidosis in melanocytic naevi 553
D.M.MACDONALD AND M.M.BLACK
Miliary tuberculosis in association with chronic cutaneous tuberculosis 557
D.E.BATEMAN, W.MAKEPEACE AND M.LESNA
Lichen scrofulosorum with tuberculous dactylis 561
R.A.C.GRAHAM-BROWN AND I.SARKANY

Society Proceedings

Proceedings of the 218th Meeting of the Netherlands Society for Dermatology and Venereology, Amsterdam February 1980 565

Comment

Report on a meeting on the properties of melanins 581
G.PROTA AND P.A.RILEY

Correspondence 583

Book Reviews 587

News and Notices 591

No. 6: DECEMBER 1980

PAGE

Clinical and Laboratory Investigations

Predictive animal testing by photocontact allergenicity 593
TH.MAURER, E.G.WEIRICH AND R.HESS

Evaluation of staining methods for resin embedded cutaneous tissue sections of mycosis fungoides 607
A.C.CHU, N.SMITH AND D.M.MACDONALD

Cellular events leading to blister formation in bullous pemphigoid 615
L.DUBERTRET, B.BERTAUX, M.FOSSE AND R.TOURAINE

Isolation and characterization of tyrosinase inhibitors and their differential action on melanogenic subcellular compartments in amelanotic and melanotic melanomas 625
GENJI IMOKAWA AND YUTAKA MISHIMA

Idiopathic guttate hypomelanosis 635
ROSER SAVALL, CARLOS FERRANDIZ, ISIDRE FERRER AND JORDI PEYRI

Sebum levels during the first year of life 643
P.AGACHE, D.BLANC, C.BARRAND AND R.LAURENT

Delayed skin test reactivity to *Propionibacterium acnes* correlates with severity of inflammation in acne vulgaris 651
P.KERSEY, M.SUSSMAN AND M.DAHL

Wheat grain immunofluorescent antibodies as an indication of gluten sensitivity? 657
KIRSTI KALIMO AND EEVA VAINIO

Pharmacology and Treatment

Treatment of herpetiformis dermatitis with cholestyramine 663
WALTER B.SHELLEY

Cryosurgery in the treatment of lichen sclerosus et atrophicus of the vulva 667
P.J. AUGUST AND T.M. MILWARD

Oxatomide: *in vitro* assessment of antagonistic activity, and effects on histamine release and enzymatic histamine degradation in skin 671
S.GATTI, A.COUTTS, D.FRANCIS AND M.W.GREAVES

Case Reports

Nystatin-induced fixed eruption 679
S.S.PAREEK

Primary cutaneous aspergillosis in a premature neonate 681
RICHARD D.GRANSTEIN, LEWIS R.FIRST AND ARTHUR J.SOBER

Systemic Weber Christian disease: a case report with lipoprotein profile and immunological evaluation 685
P.J.CICLITIRA, D.G.D.WIGHT AND A.P.DICK

Lawrence-Seip syndrome 693
V.R.JANAKI, S.PREMALATHA, N.RAGHUVEERA RAO AND A.S.THAMBIAH

Comment

Is epidermal homeostasis a necessity?—comments on epidermal growth control 697
R.MARKS

Obituary
Dr J. C. Hay 703

Correspondence 705

Book Reviews 708

British Association of Dermatologists—Annual General Meeting 1980 710

The Willan Plaque 710

News and Notices 712

Index to Volume 103 715